

MOD AFS Silicone Sponge Sheetting

Suitable for military applications that require an easily deformed, low compression set sponge suitable for seals and gaskets. This product also meets both FAR 25/ JAR 25/ CS and 49 CFR 571.302 horizontal flammability tests. The closed cellular structure protects against water absorption and dust ingress to IP65. MOD AFS silicone sponge sheetting is also approved by the WRAS (Water Regulations Advisory Service) at temperatures up to 85°C. This rubber sheetting is available with pressure sensitive adhesive backing. Polymax also provide a fabrication service to create gaskets or strips - please call us for more information.

Approvals

Ministry of Defence AFS 1682A, FAR 25/ JAR 25 /CS 25 Horizontal Flammability Tests, Automotive Standard Part 571MVSS302, IP65 and WRAS.

Operating temperature range: -60°C to 260°C

Physical Property	Test Method	Units	Typical Values
Elongation at Break	ASTM D412	%	200
Tensile Strength	ASTM D412	MPa	1.3
Compression Set 72h @ 150°C		%	5
Brittle Point	ASTM D746	°C	-80
Thermal Conductivity	BS 874 Part 2	W.m ⁻¹ .K. ¹	6.4x10 ⁻²
Limiting Oxygen Index	BS 2782 Part 1	%	24
Radiation Resistance		Grays	>105

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product. All sales subject to our standard terms www.polymax.co.uk/sales-terms